

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:**

- 5 1. A method for multiplexing a plurality of wireless devices with a wireless network, each of said wireless devices sharing a common telephone number, said method comprising the steps of:
- (a) assigning a predefined access time for each of said wireless devices;
  - (b) assigning a predefined length of time during which each of said wireless devices will have access to said wireless network;
  - 10 (c) initiating a sequence of accesses to said wireless network in accordance with said predefined access time and said predefined length of time such that a maximum of one of said wireless devices accesses said local network at a time.